The Point of Sale Solution
SCB-C31A

Hardware & Software Installation

user's manual

2011, May

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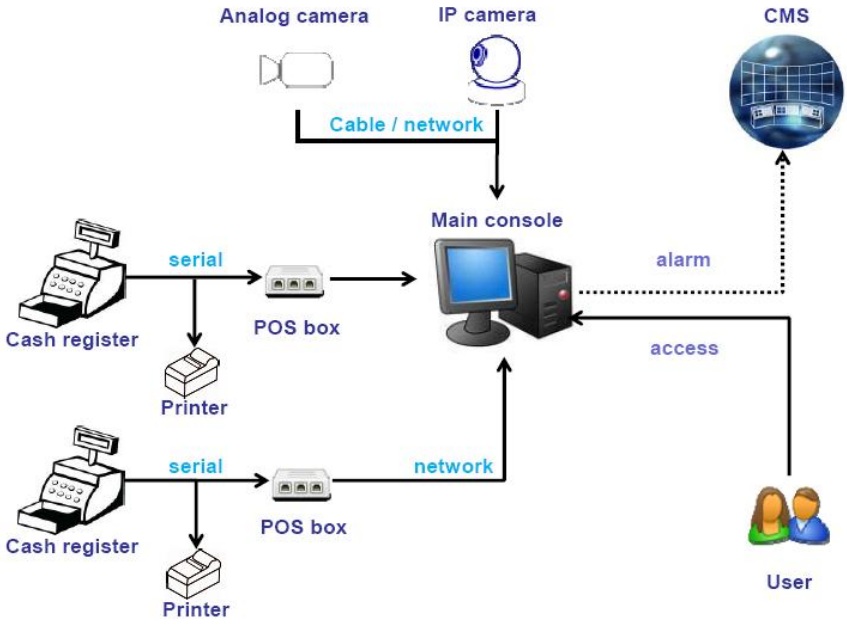
SYSTEM INTRODUCTION

NUUO POS, a Point of Sale Systems based on NUUO NVR/DVR/NVDR, provides financial transaction's surveillance solution in one central system. The architecture is as below; POS transaction data flows to NVR by Ethernet. Each Cash Register with an external receipt printer is connected by DB9 cable. The transaction information delivered in RS232 format can be converted to Ethernet through SCB-C31A data capture convertor.



Definition of Terms

Terms	Definition
POS Original Data	Original data from POS. Usually with a lot of symbols and no line feed.
POS Transaction	Filtered result by user-defined tag-filter.
POS Event Log	Smart Guard Event Log from POS transaction. It includes Transaction start, Transaction end, Cash register open, User defined condition. Abbreviation of POS Log.

Product Specification

NUUO Capture Box	
SCB-C31A	
Input	RS232
Output	Ethernet
DC In	DC +9V to +24V
Power consumption	500 mA
Operating Temperature	-20 to 65℃
Operating Humidity	0-90 % Non-Condensing
Baud Rate	110 bps to 230.4 kbps
Data Bits	5, 6, 7 or 8
Stop Bits	1, 1.5 or 2
Parity	None, Even, Odd, Mark, Space
Flow Control	None, RTX/CTS, XON/XOFF, DTR/DSR

HARDWARE INSTALLATION

SCB-C31A data capture convertor

To connect Cash Register, Printer, and SCB-C31A POS data capture convertor together, please follow below steps:

Step 1: Please refer the user manual to setup Cash Register and printer.

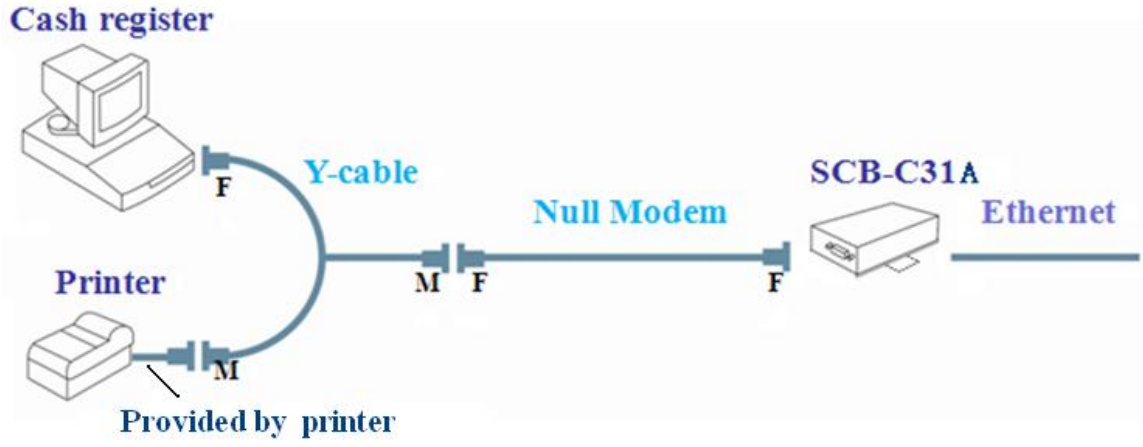
Step 2: Using a "Y-shape" DB-9 cable, one DB-9 female connect to POS system and one DB-9 male connect to the receipt printer Y-shape (provided by Printer vendor).

Step 3: Using another DB-9 female connect to SCB-C31A POS Data Capture R232/Ethernet convertor with Null modem.
Note: There are two kinds of serial cable: Straight pass-through and Null-Modem. The connection between SCB C31A POS Data capture box and Y-cable must be null modem (in package).

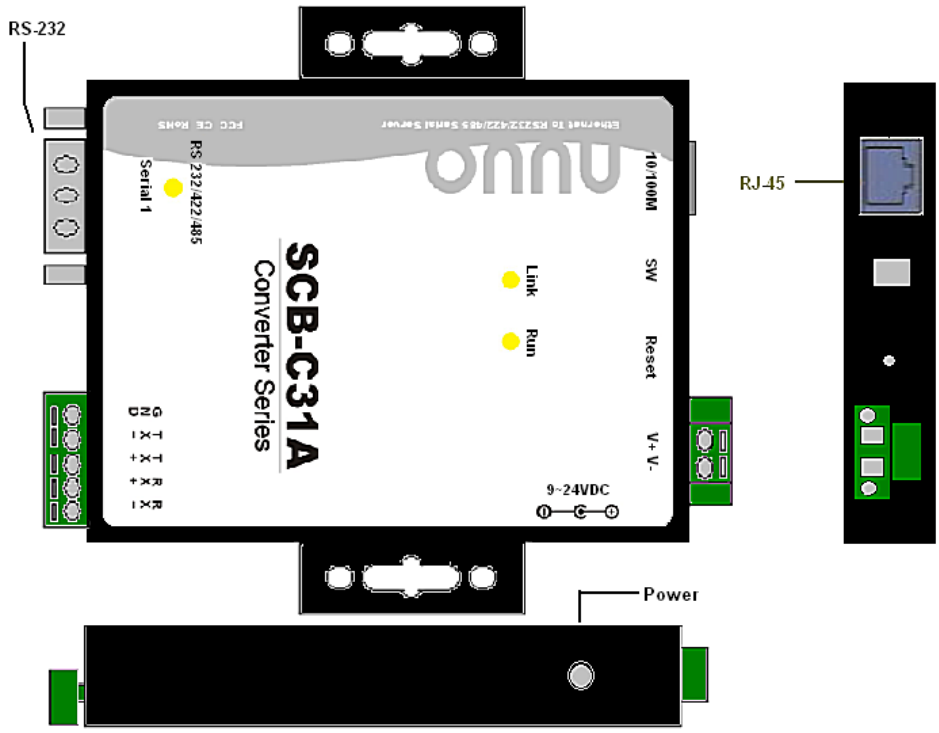
Step 4: Check the system switch of the SCB-C31A POS is switch to OFF, OFF position.

Step 5: Connect power source with SCB-C31A POS.

Step 6: Connect SCB-C31A POS with internet port by RJ45 LAN cable.



System Introduction

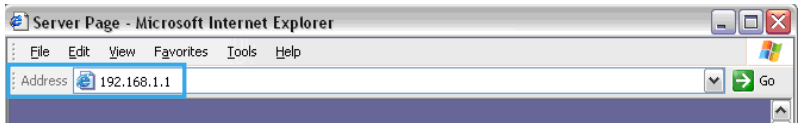


The LED Indicators:
Link LED: Ethernet cable connection and data active.
Run LED: System is ready (Blinking).
Serial 1: Transiting/Receiving Indicator.

SOFTWARE INSTALLATION

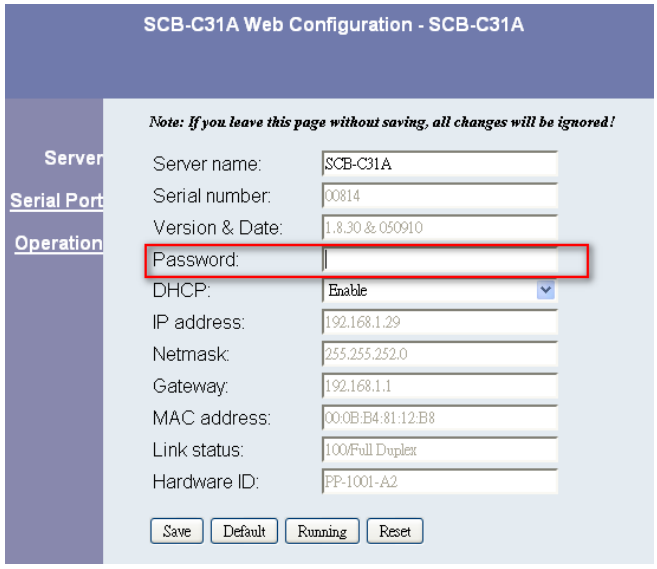
SCB-C31A POS data capture convertor

Step 1: Use IE-browser to setup SCB-C31A POS, the default IP address is **192.168.1.1**



Step 2: Setup IP address and password, and then setup IP address.
Note: Each time you switch the page of the web, please click **Save** at first. If you leave this page without saving, all changes will be ignored.

Step 3: Setup Password if needed. Password is only using to activate a security feature on the serial server. Once a password is entered it will be required to access the menu and make change of configuration when access.
Note: Please write down the Serial number and MAC address, these two parameters are necessary when user forget your password.



Step 4: Setup according to your POS or Cash Register. Usually all devices are default setting, you can reserve your time to pass this step.

Step 5: Please **restart/reset** the box after changing configurations to active setup.
To reset the unit manually apply power, insert a small plastic tool, and press lightly depressing reset located between the switch (refer page 5). Hold for 3 seconds and release. The Link and Run light will go out and turn back on. The SCB-C31A POS will revert to the last setting.

Note: Every time you change the configuration of SCB-C31A POS, please check the above settings, especially maximum connection and Remote IP address to avoid connection fail.

NUUO NVR/DVR/Hybrid system installation

Please refer to the Main Console user manual to complete system installation with the NVR/DVR/Hybrid systems installation CD.

NUUO NVR/DVR/Hybrid software setup

Please refer to the Main Console Metadata_Plugins user manual to complete software setup with the NVR/DVR/Hybrid systems installation CD.